



ecology and environment, inc.

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International Specialists in the Environment

M E M O R A N D U M

DATE: October 7, 1985
TO: File
FROM: David Curnock DC
SUBJECT: Illinois/R05-8505-06/IL0412
Champaign/Champaign Municipal #1 (AKA Urbana Municipal)
ILD980901417

On September 25, 1985, David Curnock, Anne Sause and Randy Livingston of Ecology and Environment, Inc./FIT performed an on-site investigation of the Champaign Municipal #1 site (AKA Urbana Municipal) which included sampling of surface water and monitoring wells.

While taking an initial water level reading at well G103 in the southwest corner of the active 10 acre site, a piece of blue carpenter's chalk was inadvertently dropped into the well. The chalk is used to mark the steel tape for easier reading.

The well is approximately 46 feet deep from the top of the casing. The water level was at 16.72 feet from the top of the casing. There was approximately 5 gallons of water in the well. Ten gallons of water were removed before the well went dry.

After several hours, the well recovered only enough to yield slightly less than one gallon of water. Only one half of the desired sample volume was collected. Two 40 ml. vials were taken for volatile organic analysis and one 80 ounce bottle was taken for semi-volatile, base/neutral acid organic analysis.

EPA Region 5 Records Ctr.



300840

A blank sample consisting of distilled water was also sent for analysis. Along with the distilled water blank sample, another distilled water sample was prepared and spiked with blue carpenter's chalk for analysis comparison purposes.

Sample identifiers are as follows:

| <u>Sample</u> | <u>Well No.</u> | <u>Organic Traffic No.</u> | <u>Inorganic Traffic No.</u> |
|---------------|----------------------------|--------------------------------|----------------------------------|
| 8W | G103 (active area) | EE336 | MEG170 |
| 4W | Distilled water plus chalk | EE319 | MEG153 |
| Blank | Distilled water | EE323 | MEG157 |

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